

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 – 11. (CANCELED)

12. (CURRENTLY AMENDED) A method for enhancing the sucrose content and/or ascorbic acid content of fruits of a plant of the genus *Capsicum*, the method comprising manipulating the CL and the Y loci such that said CL and Y loci comprise two recessive y alleles and two recessive cl alleles which results in enhanced ~~sucrose content~~ sucrose content and/or ascorbic acid content.
13. (PREVIOUSLY PRESENTED) The method according to claim 12, wherein the manipulation provides a plant of the genus *Capsicum* comprising two recessive y alleles and two recessive cl alleles.
14. (PREVIOUSLY PRESENTED) The method according to claim 13, wherein the y allele is obtained from a plant selected from the group consisting of *Capsicum annuum*, *Capsicum baccatum*, *Capsicum frutescens*, *Capsicum chinense*, and *Capsicum chacoense*.
15. (PREVIOUSLY PRESENTED) The method according to claim 13, wherein the y allele is obtained from *Capsicum annuum*.
16. (PREVIOUSLY PRESENTED) The method according to claim 13, wherein the recessive cl allele is obtained from a plant selected from the group consisting of *Capsicum annuum*, *Capsicum baccatum*, *Capsicum frutescens*, *Capsicum chinense*, and *Capsicum chacoense*.
17. (PREVIOUSLY PRESENTED) The method according to claim 13, wherein the recessive cl allele is obtained from *Capsicum annuum*.
18. (CURRENTLY AMENDED) The method according to claim 12, wherein said sucrose content is between 1.5 times and ~~3.4 times~~ 2.85 times higher than the sucrose content of green immature fruits of a plant of the genus *Capsicum*, said green immature fruits having at least one CL allele and at least one Y allele.

19. (PREVIOUSLY PRESENTED) The method according to claim 18, wherein said sucrose content is between 5.4 grams and 6.2 grams per kilogram fresh weight.
20. (PREVIOUSLY PRESENTED) The method according to claim 18, wherein said sucrose content is between 6.2 grams and 6.6 grams per kilogram fresh weight.
21. (PREVIOUSLY PRESENTED) The method according to claim 18, wherein said sucrose content is between 6.6 grams and 7.1 grams per kilogram fresh weight.
22. (CANCELED)
23. (CURRENTLY AMENDED) The method according to claim 12, wherein the ascorbic acid content is between 1.3 times and ~~4.9 times~~ 1.73 times higher than the ascorbic acid content in green immature fruits of a plant of the genus *Capsicum*, said green immature fruits having at least one *CL* allele and at least one *Y* allele.
24. (PREVIOUSLY PRESENTED) The method according to claim 23, wherein said ascorbic acid content is between 2.1 grams and 2.22 grams per kilogram fresh weight.
25. (PREVIOUSLY PRESENTED) The method according to claim 23, wherein said ascorbic acid content is between 2.22 grams and 2.4 grams per kilogram fresh weight.
26. (CURRENTLY AMENDED) The method according to claim 23, wherein said ascorbic acid content is between 2.4 grams and ~~2.52 grams~~ 2.5 grams per kilogram fresh weight.
- 27.-28. (CANCELED)
29. (CURRENTLY AMENDED) A method for increasing the sucrose content and the ascorbic acid content of fruits of a plant of the genus *Capsicum*, comprising manipulating the *CL* and the *Y* loci to provide two recessive *y* alleles and two recessive *cl* alleles, wherein the sucrose content is increased to between 1.5 times and ~~3.4 times~~ 2.85 times higher and wherein the ascorbic acid content is increased to between 1.3 times and ~~4.9 times~~ 1.73 times higher than the sucrose content and the ascorbic acid content of green immature fruits of a plant of the

genus *Capsicum*, said green immature fruits having at least one *CL* allele and at least one *Y* allele.

30. (CANCELED)
31. (CURRENTLY AMENDED) The method of claim 29, wherein the sucrose content is increased to between 5.4 grams and 7.1 grams per kilogram fresh weight, and the ascorbic acid content is increased to between 2.1 grams and ~~2.52 grams~~ 2.5 grams per kilogram fresh weight.